

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Donald J. Frasier, et al.

Serial No. 10/632,504

Filed August 1, 2003

METHOD AND APPARATUS FOR
PRODUCTION OF A CAST COMPONENT

)
) Before the Examiner
) Not Yet Assigned
)
) Group Art Unit 1765
)
)
) Our Ref.: 6001-963

"Express Mail" label number EV 432598952 US

Date of Deposit August 27, 2004

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
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Sir:

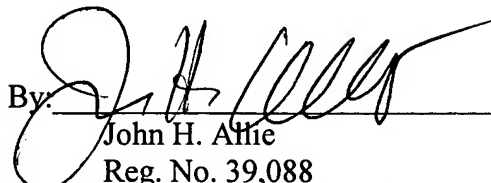
Pursuant to the duty of disclosure embodied in 37 C.F.R. §1.56, Applicants wish to bring to the attention of the Examiner the references listed on the enclosed 1449 Form. These references have not been previously submitted in this application, nor heretofore cited by the Examiner. A copy of the non U. S. patent document is enclosed, and no copies of the U. S. references cited on the enclosed 1449 form are enclosed herewith.

The filing of this Information Disclosure Statement shall not be construed as an admission that the information cited is, or is considered to be, material to the patentability as defined in §1.56(b).

This Statement is being filed prior to the mailing of any Office Action on the merits. It is believed that no fee is required for consideration of the submitted item. Should any fee be

required, however, please charge such fee to Deposit Account No. 23-3030, but not to include any payment of issue fees.

Respectfully submitted,

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006001-000963.JHA.300091 WEMMH/SB/08A (4/03)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/632,504
Filing Date	August 1, 2003
First Named Inventor	Donald J. Frasier et al.
Group Art Unit	1765
Examiner Name	
Attorney Docket Number	6001-963

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)			
		US-833,150	10-16-1906	Attenhoper	
		US-1,983,580	12-11-1934	Nock, Jr.	
		US-3,099,053	07-30-1963	Eliot	
		US-3,530,927	09-29-1970	Lejeune	
		US-3,532,154	10-06-1970	Balevski et al.	
		US-3,608,621	09-28-1971	Bollig et al.	
		US-3,763,926	10-09-1973	Tschinkel et al.	
		US-3,788,382	01-29-1974	Daniel et al.	
		US-4,061,176	12-06-1977	Carbonnel	
		US-4,066,117	01-23-1978	Clark et al.	
		US-4,114,675	09-19-1978	Buhrer	
		US-4,121,651	10-24-1978	Zeppellini	
		US-4,179,045	12-18-1979	Colombani	
		US-4,385,751	05-31-1983	Saether et al.	
		US-4,479,594	10-30-1984	Altland	
		US-4,590,988	05-27-1986	Fukuoka et al.	
		US-4,615,376	10-07-1986	Mori et al.	
		US-4,668,288	05-26-1987	Ouchi et al.	
		US-4,714,104	12-22-1987	Ouchi et al.	
		US-4,909,422	03-20-1990	Muller	
		US-5,048,591	09-17-1991	Oti et al.	
		US-5,111,870	05-12-1992	Cook	
		US-5,190,674	03-02-1993	Monks	
		US-5,244,031	09-14-1993	Cook et al.	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	of	3
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Application Number	10/633,439
Filing Date	August 1, 2003
First Named Inventor	Donald J. Frasier et al.
Group Art Unit	1725
Examiner Name	
Attorney Docket Number	6001-962

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)			
		US-5,291,937	03-08-1994	Corderman et al.	
		US-5,295,530	03-22-1994	O'Connor	
		US-5,309,976	05-10-1994	Prichard et al.	
		US-5,335,711	08-09-1994	Paine	
		US-5,346,184	09-13-1994	Ghosh	
		US-5,404,930	04-11-1995	Stanton et al.	
		US-5,484,008	01-16-1996	Thompson	
		US-5,509,458	04-23-1996	Onuma et al.	
		US-5,515,906	05-14-1996	Thomson et al.	
		US-5,551,502	09-03-1996	Matsubayashi et al.	
		US-5,592,984	01-14-1997	Schmiedeknecht et al.	
		US-5,744,050	04-28-1998	Shaw	
		US-5,860,468	01-19-1999	Cook	
		US-5,894,880	04-20-1999	Hohenbichler	
		US-5,913,358	06-22-1999	Chadwick	
		US-5,988,257	11-23-1999	Hugo	
		US-6,103,182	08-15-2000	Campbell	

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Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	Complete if Known	
	Application Number	10/632,504
	Filing Date	August 1, 2003
	First Named Inventor	Donald J. Frasier et al.
	Group Art Unit	1765
	Examiner Name	
Sheet 3 of 3	Attorney Docket Number 6001-963	

[illegible]

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